

ABSTRACT

The present invention is generally related to managing wireless communications associated with a plurality of mobile devices moving in the same direction. In one embodiment, an intelligent wireless switch (IWS) is used to manage communications. The IWS includes an internal access point for managing a wireless local area network (WLAN) for a plurality of wireless devices. The IWS includes a plurality of stations for communicating with a plurality of external access points. The IWS also includes a packet switch controller for directing data between the plurality of wireless devices and the plurality of stations. By switching between the plurality of stations in response to the signal strengths of the external access points, the plurality of wireless devices are able to continuously conduct data communications without interruptions associated with reaching the limits of a coverage area of an external access point.